

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 99/01598

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Remark: Although claims 26 and 33  
are directed to a method of treatment of the human/animal  
body, the search has been carried out and based on the alleged  
effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such  
an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all  
searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment  
of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report  
covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is  
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

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Int. .tional Application No

PCT/GB 99/01598

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 C12N15/86 C12N7/01 A61K48/00 G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C12N A61K G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LACHMANN R H ET AL: "THE USE OF HERPES SIMPLEX VIRUS-BASED VECTORS FOR GENE DELIVERY TO THE NERVOUS SYSTEM" MOLECULAR MEDICINE TODAY, September 1997 (1997-09), pages 404-411, XP000783616 ISSN: 1357-4310 page 406, right-hand column, last paragraph page 408, right-hand column, last paragraph - page 409, left-hand column, last paragraph ---	1-33
A	WO 97 13866 A (UNIV BRITISH COLUMBIA ;CYNADER MAX (CA); TUFARO FRANCIS (CA)) 17 April 1997 (1997-04-17) the whole document ---	1-33
-/--		



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search

3 September 1999

Date of mailing of the international search report

09/09/1999

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Mandl, B

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96 27672 A (GLORIOSO JOSEPH C ;FINK DAVID J (US)) 12 September 1996 (1996-09-12) page 12, line 18 - page 13, line 34 -----	1-33
A	WO 97 20935 A (UNIV CAMBRIDGE TECH ;EFSTATHIOU STACEY (GB); LACHMANN ROBIN HENRY) 12 June 1997 (1997-06-12) page 11, line 13 - page 12, line 16 page 17, line 8 - line 23 -----	1-33
A	MORGENSTERN J. P. AND LAND H.: "ADVANCED MAMMALIAN GENE TRANSFER: HIGH TITRE RETROVIRAL VECTORS WITH MULTIPLE DRUG SELECTION MARKERS AND A COMPLEMENTARY HELPER -FREE PACKAGING CELL LINE" NUCLEIC ACIDS RESEARCH, vol. 18, no. 12, 1 January 1990 (1990-01-01), pages 3587-3596, XP002073969 ISSN: 0305-1048 cited in the application abstract page 3595, right-hand column, paragraph 1 -----	1-33

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 99/01598

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9713866 A	17-04-1997	US 5763217 A AU 7442996 A EP 0862642 A	09-06-1998 30-04-1997 09-09-1998
WO 9627672 A	12-09-1996	US 5849571 A AU 4706996 A	15-12-1998 23-09-1996
WO 9720935 A	12-06-1997	AU 1102997 A CA 2238981 A EP 0865493 A	27-06-1997 12-06-1997 23-09-1998